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Walsh et al.(10) **Pub. No.: US 2015/0183528 A1**(43) **Pub. Date: Jul. 2, 2015**(54) **LANDING PAD FOR UNMANNED AERIAL
VEHICLE DELIVERY****B64F 1/36** (2006.01)**G05D 1/02** (2006.01)(71) Applicants: **Ryan Walsh**, Aurora, IL (US); **Alex J.
Falesch**, Oswego, IL (US)(52) **U.S. Cl.**CPC ... **B64F 1/32** (2013.01); **B64F 1/36** (2013.01);
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Falesch**, Oswego, IL (US)(21) Appl. No.: **14/587,828**(22) Filed: **Dec. 31, 2014****Related U.S. Application Data**(60) Provisional application No. 61/923,207, filed on Jan.
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(57)

ABSTRACT

A landing pad receives and stores packages delivered from an aerial vehicle are awaiting pickup from an aerial vehicle. The landing pad can be placed outside of a window and can contain a transmitter for sending out an identification signal via radio frequency to aid aerial vehicles in finding the landing pad. The landing pad contains a landing platform with a trapdoor that leads to a storage compartment. The trapdoor can be configured to only open when it receives a signal from an authorized aerial vehicle. The storage compartment can be accessed via a storage compartment door which can contain a locking mechanism. The storage compartment can be climate controlled. The landing pad can also have a transmitter that emits sounds to discourage animals from nesting on or near the landing pad. The landing pad can also include a solar power generator as a source of electrical energy.

